

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS OF ANALYZING POLYMERS USING ORDERED LABEL STRATEGIES

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a), (b):

(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	Priority Claimed [ ] [ ] YES NO
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>60/096,666</u> (Application Number)	<u>08/13/98</u> (filing date)
<u>60/120,662</u> (Application Number)	<u>08/13/98</u> (filing date)
<u>60/096,687</u> (Application Number)	<u>05/05/97</u> (filing date)
<u>60/037,921</u> (Application Number)	<u>02/11/97</u> (filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>(Application No.)</u>	<u>(filing date)</u>	<u>(status-patented, pending, abandoned)</u>
<u>(Application No.)</u>	<u>(filing date)</u>	<u>(status-patented, pending, abandoned)</u>

PCT International Applications designating the United States:

<u>PCT/US98/03024</u> (PCT Appl. No.)	<u>02/11/98</u> (U.S. Ser. No.)	<u>Pending</u> (PCT filing date)	<u>(status-patented, pending, abandoned)</u>
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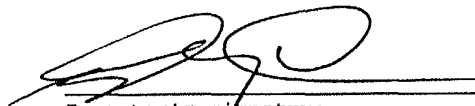
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David Wolf	17,528	Peter J. Gordon	35,164	Robert A. Skrivanek, Jr.	41,316
George L. Greenfield	17,756	Randy J. Pritzker	35,986	Robert M. Abrahamsen	40,886
Stanley Sacks	19,900	Richard F. Giunta	36,149	Ivan D. Zitkovsky	37,482
Edward F. Perlman	28,105	Douglas R. Wolf	36,971	Michele J. Young	43,299
Lawrence M. Green	29,384	Elizabeth R. Plumer	36,637	Edward J. Russavage	43,069
Steven J. Henry	27,900	Timothy J. Oyer	36,628	Alan B. Sherr	42,147
Therese A. Hendricks	30,389	John N. Anastasi	37,765	John C. Gorecki	38,471
Edward R. Gates	31,616	Helen C. Lockhart	39,248	William G. Gosz	27,787
William R. McClellan	29,409	James M. Hanifin, Jr.	39,213	Neil P. Ferraro	39,188
Ronald J. Kransdorf	20,004	Christopher S. Schultz	37,929	Julie A. Beberman	40,906
M. Lawrence Oliverio	30,915	Paul D. Sorkin	39,039	Lisa E. Winsor	44,405
Jason M. Honeyman	31,624	John R. Van Amsterdam	40,212	Robert Plotkin	43,861
James H. Morris	34,681	Matthew B. Lowrie	38,228	Joseph Teja Jr.	P-45,157
Peter C. Lando	34,654	Michael G. Verga	39,410	Alan W. Steele	P-45,128
Gary S. Engelson	35,128	Robert E. Rigby, Jr.	36,904	Jeffrey B. Powers	P-45,021

Address all telephone calls to Helen C. Lockhart at telephone no. (617) 720-3500. Address all correspondence to

Helen C. Lockhart, Esq.  
c/o Wolf, Greenfield & Sacks, P.C.,  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Inventor's signature

Full name of sole or first inventor: Eugene Y. CHAN

Citizenship: U.S.

Residence: Boston, MA

Post Office Address: 25 Beaver Place, Suite 4, Boston, MA 02108-3303

8/13/99  
Date

Applicant or Patentee: Eugene Y. Chan  
Serial: Unassigned  
Filed: Herewith  
For: METHODS OF ANALYZING POLYMERS USING ORDERED LABEL STRATEGIES

## DECLARATION CLAIMING SMALL ENTITY STATUS

US GENOMICS  
A Massachusetts Corporation  
Boston Photonics Center  
8 Saint Mary's Street  
Boston, MA 02215

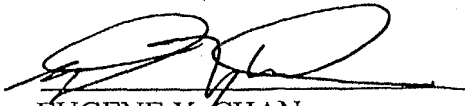
As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled METHODS OF ANALYZING POLYMERS USING ORDERED LABEL STRATEGIES filed herewith.

FULL NAME  
ADDRESS

☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

  
EUGENE Y. CHAN  
Title: Chairman & CEO

August 13, 1999  
Date

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Eugene Y. Chan, hereby


Sell, assign and transfer to the US Genomics, a Massachusetts corporation having a place of business at 8 St. Mary's Street, Boston, MA 02215, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed herewith and entitled **METHODS FOR ANALYZING POLYMERS USING ORDERED LABEL STRATEGIES**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

8/13/99  
Date

  
Eugene Y. Chan

Commonwealth  
STATE OF Massachusetts :  
COUNTY OF Suffolk :

Subscribed and sworn to before me this 13<sup>th</sup> day of August, 1999.

SEAL



Notary Public

My Commission Expires 11/4/99

00928668-081301

## RECORDATION FORM COVER SHEET PATENTS ONLY

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Eugene Chan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: August 13, 1999

2. Name and address of receiving party(ies)

Name: US GENOMICS

Internal Address:

Street Address: 8 St. Mary's St.

Boston, MA 02215

Additional name(s) & addresses(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is August 13, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: Helen C. Lockhart, Esq.  
Address: WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210

6. Total number of applications and patents involved: [3]

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

The Commissioner is authorized to charge:

☒ Any deficiencies in fees to:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Helen C. Lockhart



August 13, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to: